

<b>NWS CHANGE FORM PART A</b>			1. DATE SUBMITTED  08Oct99	
This form is in three parts. Submitters must complete unshaded blocks in Part A and as much of Part B as possible. WSH will complete Part C (implementation details). If there is no specific required change date, enter 60 days from date submitted. Address questions to NWS Change Management at (301) 713-1373. Submit change requests to the NWSRC mailbox (External: NWSRC@noaa.gov).				
2. ORIGINATOR OFFICE  NWS W/APO	3. SUBMITTING AUTHORITY Name: Mary Glackin Routing Code: W/APO	4. COGNIZANT TECHNICAL INDIVIDUAL Name: Walter T Scott Routing Code: W/APO/SE Phone: (301) 713-1570 x 146		5. ORIGINATOR TRACKING NUMBER  RC-W/APO-002
6. SYSTEMS AFFECTED BY CHANGE  <input type="checkbox"/> DATA PRODUCTS (Complete Data Products Supplement)  <input type="checkbox"/> ASOS <input checked="" type="checkbox"/> AWIPS <input type="checkbox"/> CRS <input type="checkbox"/> NEXRAD <input type="checkbox"/> OTHER (specify) _____				<b>7. WSH TRACKING NUMBER  NWS 511</b>
8. TITLE OF CHANGE  <b>AWIPS Work Station Memory Increase</b>				
9. TYPE OF CHANGE  <input checked="" type="checkbox"/> HARDWARE <input type="checkbox"/> SOFTWARE <input type="checkbox"/> DOCUMENTATION ONLY			10. SITES AFFECTED (Attach Part B, Page 2, if needed)  See Attachment Part A page 3	
11. STATEMENT OF REQUIREMENT, PROBLEM, OR DEFICIENCY OF EXISTING SYSTEM (Include problem report reference numbers.)  The AWIPS Work Stations have experienced increased processing speed and performance with an increase of the onboard memory. The system has been experiencing speed performance problems with the advent of Software build 4.2.2. due to an increase in database size, accessibility and functionality that was introduced in the build.				
12. KNOWN OR PROPOSED SOLUTION (Include source and description of new features or data products.)  All AWIPS Type III work stations will receive an additional 256MB of Random Access Memory. This solution has been tested on NWS NHDA system and field tested at Site KRF.				
13. ALTERNATE SOLUTIONS  None - processing power must be increased to accommodate build 4.2.2.				
14. REQUIRED CHANGE DATE 10 Nov 1999	15. RATIONALE FOR REQUIRED CHANGE DATE (Include proposed priority, if known.)  Processing capability and speed must be increased to accommodate current and future software builds.			
<b>CCB/PMC/CMB DECISION</b>				
16. DECISION AUTHORITY LEVEL	<input type="checkbox"/> CCB LEVEL ONLY		<input type="checkbox"/> PMC or NWS CMB DECISION REQUIRED	
17. CCB LEVEL DECISION	<input type="checkbox"/> APPROVED  <input type="checkbox"/> RECOMMEND APPROVAL  <input type="checkbox"/> DISAPPROVED		SIGNATURE	
			DATE SIGNED	
<b>FOR USE ONLY WHEN PMC or NWS CMB DECISION REQUIRED</b>				
18. PMC OR NWS CMB DECISION	<input type="checkbox"/> APPROVED  <input type="checkbox"/> DISAPPROVED		SIGNATURE	
			DATE SIGNED	

<b>NWS CHANGE FORM</b> <b>PART B</b>		1. ORIGINATOR TRACKING NUMBER RC-W/APO-002	
All RC/ECP submissions must also address the following information. Indicate if any areas are unknown or do not apply. State why information is unknown and when it will be available. Attach extra pages if necessary, referencing each applicable subject.		2. WSH TRACKING NUMBER	
<b>FUNDING INFORMATION</b>			
Estimate costs and indicate known sources of funding. (Include travel time, installation time, administrative time, and software development time when applicable.)		3. SOURCE OF FUNDING	4. TOTAL COST \$ \$ * * * * *
5. DEVELOPMENT COSTS (Estimate development costs)			AMOUNT NA
6. OPERATIONAL TEST AND EVALUATION COSTS (Estimate test and evaluation costs)			AMOUNT NA
7. PRODUCTION COSTS (Include acquisition, kit proofing, spares, delivery, and documentation costs) Acquisition and installation costs of new memory modules		Contract Mod	AMOUNT \$ * * * * *
8. COMMUNICATIONS SERVICE/CIRCUITS COSTS (Include installation and recurring costs)			AMOUNT
9. IMPLEMENTATION SUPPORT COSTS (Include travel, installation, and administrative costs)			AMOUNT NA
9A. LIFE CYCLE SUPPORT COSTS (Less communications service/circuits) Increased Maintenance Costs		Contract Mod	AMOUNT \$ * * * * *
<b>SUPPORTING INFORMATION AND SCHEDULES 4</b> Provide detailed information needed to implement the requested change.			
10. DEVELOPMENT STATUS/SCHEDULE (Major milestones such as Start, Beta Test, and OT&E) NA		11. PRODUCTION STATUS/SCHEDULE (Major milestones such as Solicitation, Contract Start Date, Delivery Date, Kit Proofing, etc.) NA	
12. IMPLEMENTATION/RETROFIT SCHEDULE See Attachment Part B page 3		13. FACILITY INFORMATION (Attach facility drawings/plans.) NA	
14. COMMUNICATIONS INSTALLED (Type required, who will order, and associated hardware required; attach Part B, Page 2, if needed.) NA		15. COMMUNICATIONS SERVICE/CIRCUITS TO BE REMOVED NA	
16. REQUIRED CLEARANCES, WAIVERS, AND LICENSES (Include person or organization responsible for obtaining each) NA		17. COORDINATION OF CHANGE WITH OTHER CHANGES NA	
18. PHYSICAL ITEMS AND DOCUMENTS AFFECTED (Include part, serial, and document numbers. Attach Part B, Page 2, if needed.) See attach B page 2		19. STAFF RESOURCE IMPACTS (Skills and workload impact on maintainers, operators, and managers.) None	
20. LOGISTICS IMPACTS (Include facilities, maintenance, training, and support equipment impacts.) NA		21. OPERATIONAL IMPACTS (Include continuity and back up needs and plans.) System will be run in degraded mode (the un-involved DS handling load) while each DS is modified. (Approximately 4 hours/site)	
22. ADDITIONAL MAJOR CHANGE ACTIVITIES (Include who will accomplish each of them and staff hours required.)  HP personnel will install and test new memory board in each WS. HP personnel will report completion of upgrade to NCF.			

NWS CHANGE FORM PART B - PHYSICAL ITEM AND DOCUMENT IMPACT MATRIX SUPPLEMENT						1. ORIGINATOR TRACKING NUMBER			
This information is required prior to publication of Engineering Modification Notes and Software Release Notes. List physical items to be replaced and specify any changes in related documentation. (Submitters should complete this information, if known. WSH will assist.)						2. WSH TRACKING NUMBER			
3. ITEM NAME, CIRCUIT TYPE, SOFTWARE VERSION, OR SITE LOCATION	4. REMOVE REPLACE MODIFY	5. SUPERSEDED ITEM OR CONFIGURATION		6. SUPERSEDING PART NUMBER OR NEW CONFIGURATION	7. DOC TYPE	8. SUPERSEDED DOCUMENT		9. SUPERSEDING DOCUMENT	
		A. PART NUMBER OR CONFIGURATION	B. SERIAL NUMBER(S) OR COMMENTS			A. IDENTIFIER	B. REV	A. IDENTIFIER	B. REV
AWIPS Type III Work Station DS1A	Modify		Memory Modue	A3483A	Parts List	AWP-000000- 109-0500-	0000	AWP-000000- 0500	000 1

**NWS CHANGE FORM****PART C**

1. ORIGINATOR TRACKING NUMBER

WSH is responsible for Part C, but submitters may complete sections that would help clarify the change requirement or the necessary implementation actions.

2. WSH TRACKING NUMBER

**3. CCB COST EVALUATION**NWS COST \$\*\*    FAA COST \$    DOD COST \$    OTHER AGENCY COST \$    TOTAL COST \$ \*\*  
(SPECIFY)\_\_\_\_\_**4. IMPLEMENTATION DOCUMENTS REQUIRED**☒ Engineering Modification Note    ☐ Software Release Notes    ☐ Other Document (Specify)\_\_\_\_\_

ADDITIONAL IMPLEMENTATION INSTRUCTIONS (e.g., Implementation schedule, parts shipping instructions, equipment disposal procedures, additional documentation required, and status reporting instructions.) Include documentation, data input, notification vehicle, or specific action step required to verify completion of the implementation activity.

**5. IMPLEMENTATION ACTIVITY REQUIRED****6. REQUIRED  
COMPLETION  
DATE****7. RESPONSIBLE  
PERSON AND  
OFFICE****8. DOCUMENT OR  
ACTION REQUIRED TO  
VERIFY COMPLETION**

NA